



CDEM Resilience Fund project application form

This form provides the minimum of information for the application; a detailed project plan should be developed to inform this application and may be attached.

Project title	Taranaki Lifelines Regional Fuel Plan
Date of application	1 October 2017
Details on application	
Applicant	Taranaki CDEM Group
CDEM Group/s affected	Taranaki
Other local authorities, Groups or organisations supporting this proposal	Taranaki Regional Council New Plymouth District Council South Taranaki District Council Stratford District Council Taranaki Lifelines Advisory Group
Project description	
Executive summary <i>[200 words maximum description.]</i>	
<p>Bulk Fuel for the Taranaki region is delivered to and stored on site at the Omata Tank Farm in New Plymouth next to Port Taranaki. The majority of our fuel supply is trucked in via State Highway 3 through the Awakino gorge and over Mt Messenger. Alternate routes are via State Highway 43 through Whangamomona or SH1 through the Desert Road.</p> <p>These road links are vulnerable to a number of hazards which could close the link leaving the province with few options for re-supply. Slips, floods and earthquakes all have the potential to sever the road links for a period of time. Currently there is no regional fuel plan for Taranaki which addresses all the issues that a lack of supply would raise and Taranaki CDEM has not identified its critical fuel customers, developed contingency arrangements, or investigated how it could provide logistical support to the local fuel industry. This bid looks to address these shortfalls in preparedness planning and ensure that Taranaki's resilience is increased in this regard.</p>	
Challenge/opportunity <i>[200 words maximum description.]</i>	
<p>The Taranaki Lifelines Advisory Group has recognised that all of the province's fuel comes via tenuous road links. Both routes are vulnerable to weather and earthquake events which could close both State Highways 3 North and South.</p> <p>Strong relationships between the fuel sector and Taranaki CDEM will be crucial once an emergency threatens to disrupt supply. There are mutual benefits for both sectors in an emergency event however there needs to be an agreed plan in place as a starting point to ensure both interests are protected.</p> <p>There are some large users of fuel which have been identified in Taranaki to ensure lifelines remain operable (e.g. Kiwirail and road transport) and emergency services are able to continue their response (e.g. Jet A1 fuel for helicopters). NZTA estimates there are over 1000 heavy vehicles on Taranaki roads each day¹</p> <p>Currently the Taranaki CDEM Group are undertaking a Lifelines vulnerability study to gain a better understanding of the Group's assets, their condition, criticalness to the network and interdependencies, and by identifying vulnerable areas/assets under differing event scenarios. The interdependencies of fuel on other lifelines is poorly understood.</p> <p>The Fuel Plan will identify regionally critical fuel customers and to also have a transparent methodology for prioritising fuel deliveries to them.</p>	
Alignment with identified goals and objectives identified in the CDEM sector <i>[200 words maximum description.]</i>	

Taranaki CDEM Group Plan goals (as per the draft Group Plan):

1. The risks from hazards, their likelihood and impacts are understood and managed to reduce our risk exposure
2. We build resilience into organisations and plan for the impacts from disaster and ensure our systems and arrangements are fit for purpose
3. We enable well managed effective responses, and we support the community's journey of moving on from the impacts of disasters

This project aligns well with each of these three stated draft goals.

Taranaki CDEM Resilience Fund Application 2017 for Lifelines Regional Fuel Plan

This application also aligns with the National CDEM Strategy Goal 3 'enhancing New Zealand's capability to manage civil defence emergencies' and specifically Goal 3B – 'enhancing the ability of CDEM Groups to prepare for and manage civil defence emergencies'.

Dissemination of benefits to sector *[200 words maximum description.]*

A Regional Fuel Plan will ensure that Taranaki has arrangements in place as recommended in the National CDEM Fuel Plan.

The plan would be made available to all stakeholders who have input into the plan. The plan will also be sent to all the other Groups for their information and possible use. The Taranaki Lifelines Advisory Group would look to implement sections in the plan that recommend further education and would assist businesses to develop business continuity plans. Recommendations in the plan would also inform the Taranaki CDEM business planning process.

As a result we would expect to see MOU's established between the fuel sector and Taranaki CDEM which would establish each ones expectations of the other and agreement on fuel distribution models given certain scenarios. This would give the Group confidence that there are fuel contingency arrangements in place if an emergency threatens supply.

Project design

Project manager	Craig Campbell-Smart, CDEM Group Manager
Other project members	Carl Wallsworth, Lifelines Advisory Group Chair
External providers/contractors	To be confirmed once bid approved.

Deliverables

Milestones	Date for completion	Cost
Engage a contractor to complete the plan.	31 July 2018	\$25,000 (remuneration, travel and accommodation)
Engage with the sector and CDEM stakeholders.	August to October 2018	
Complete the Plan.	June 2019	

Identified risks

Risks	Suggested management
Plan does not meet expectations.	Develop terms of reference for a regional fuel plan (attached).
Cost overruns occur.	Taranaki CDEM to meet cost overruns.
Fuel sector does not engage in the process.	Begin the process by investing in relationships with key members of the fuel sector.

¹ <https://www.nzta.govt.nz/planning-and-investment/long-term-strategic-view/test-3/strategic-context-3/new-plymouth/>

CDEM stakeholders do not engage with the process.	Address through CEG or other committee (e.g. Lifelines and Readiness and Response) membership.		
Funding request and use			
CDEM resilience fund contribution	\$25,000		
Local authority/organisation contribution	Taranaki Emergency Management Office to provide GIS support, printing and publishing, administration support, project management.		
Other sources of funding or support			
Budget <i>[Please supply spreadsheet]</i>			
Applies if application exceeds \$100,000 over the life of the project	Do you wish to attend a hearing in support of this application?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Application confirmation			
Approval of Chief Executive			
CDEM Group comment			
Comment: The CEG Chair endorses this application.			
A project Terms of Reference is included with this application.			

Indicative Budget for Regional Fuel Plan		
Contractor		\$22,000
Travel	5 flights to New Plymouth (\$400 return)	\$2,000
Accommodation	5 Nights at \$200/night	\$1,000
Total		\$25,000

